

Brief Description of Drawings

Permanent Remote Unit

As a permanent fixture the windshield umbrella will be a remote-operated, retractable unit with a roof harness on top of the car, which will house the umbrella. The unit will also have an optional sunroof component, see fig. 1f & 1g (top view). Retraction is controlled electrically via steering column or dashboard access. Fig. 1h shows windshield umbrella in retracted position. The permanent unit will extend the length of the roof of the car to allow an optional sunroof see fig. 1h (side view), fig. 1f (top view). The umbrella will be as wide as the windshield of the automobile to ensure complete coverage and blockage of rain downpours, sleet, etc., see fig. 1e. It will extend out and over the windshield at least 10-12 inches. The umbrella covering will curve upward about 2 ½ inches to force heavy rain to push backward and off to the side of the windshield and away from the view of the driver, see fig. 1c. Fig. 1c shows view of windshield umbrella when in use or extended position on permanent or temporary fixture.

Self-Mounting Unit

As a temporary fixture it will be a completely removable self-mounted unit in which the umbrella is manually mounted into the mounting brackets, then pulled out of the harness or pushed back into the harness, and manually detached and stored in trunk when not in use. See fig. 1a-1b-1c. Fig. 1d is a top view of the windshield umbrella. Fig. 1h is a side view of the windshield umbrella in a retracted position for the permanent or temporary fixture.

The umbrella covering will be as wide as the windshield to ensure complete coverage and blockage of rain downpours, see fig 1a. It will extend out and over the windshield at least 10-12 inches. The umbrella covering will curve upward about 2 ½ inches to force heavy rain to push onto the back of the automobile, and off to the side of the windshield and away from the view of the driver. See fig. 1c.